

GROUNDWATER MODELING UPDATE

Week of February 15, 2013

Current Activities

- Since we met last December I have continued to refine the model by double checking information and adding data effecting flow and mass transport.
- I have obtained a model review by Schlumberger, Inc. as previously mentioned. Their suggestions were sent to NMED for information purposes. I will also be sending NMED several follow-up questions/answers between myself and the reviewer so you have the entire dialogue, except for a few brief phone calls.
- Kirtland AFB is trying to locate well construction information for KAFB-15. The screen interval elevations are missing on existing reports. I have adequate information on the other KAFB production wells.

Upcoming Activities

- Include information for KAFB-15 when it is provided.
- Make decisions on the most appropriate values for dispersion (longitudinal, transverse, and vertical). EDB transport seems sensitive to dispersion.
- Ideally, we need to meet in person again before I get much further into the final modeling phases. If not possible because of limited travel funds, I'll think of an alternative.
- Continue developing draft sections of the technical report (introduction and conceptual model).

Overall Current Project Status: Model development nearly complete. Planning to begin final model runs in the near future. Report development started (early draft phases).